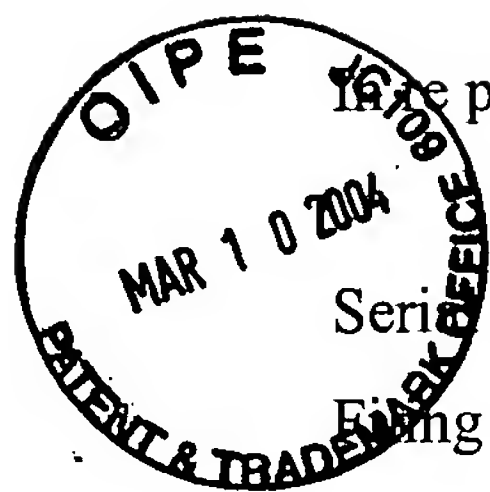


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



the patent application of
Timothy Dalton, et al.

Serial No.: 10/604,181

Filing Date: June 30, 2003

Docket No.: BUR920030030US1

Group No. 1756

Examiner: Unassigned

For: **METHOD FOR DRY ETCHING
PHOTOMASK MATERIAL**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PETITION AND FEE TO ADD INVENTORS
UNDER 37 C.F.R. § 1.48

Sirs:

This is a petition to amend the above-identified application to correct an error in inventorship under 37 C.F.R. § 1.48. The change of inventorship to add new inventors was caused without any deceptive intent on the part of any of the named or unnamed inventors.

Please add the following inventors to the above-identified U.S. Letters Patent:

1. Shaun B. Crawford
2. Cuc K. Huynh

Attached hereto in compliance with 37 C.F.R. § 1.48 are the following documents:

1. Two statements under 37 C.F.R. § 1.48(a)(2);
2. An executed supplemental declaration;
3. A statement under 37 C.F.R. § 1.48(a)(5);
4. Assignment document;
5. Form PTO/SB/96; and
6. A fee set forth in 37 C.F.R. § 1.17(i).

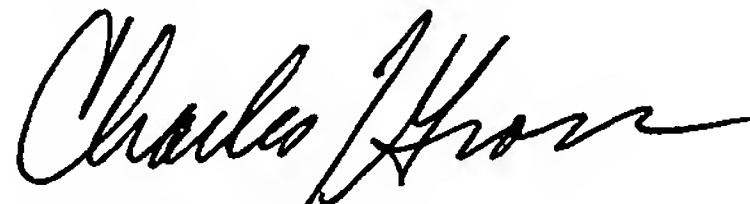
Application Serial No.: 10/604,181
Page 2

Please charge any deficiencies in fees and credit any overpayment in fees to International Business Machines Corporation's deposit account no. 09-0456.

Respectfully submitted,



Andrew M. Calderon
Registration No. 38,093

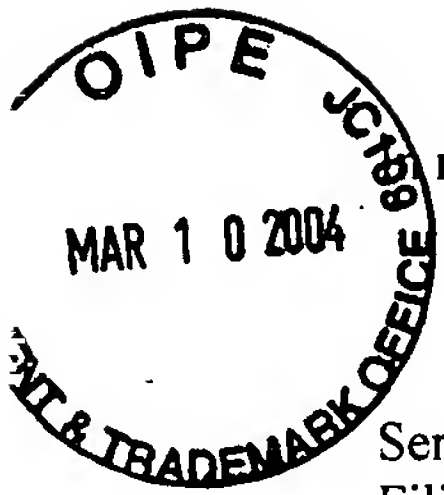


Charles J. Gross
Registration No. 52,972

McGuireWoods, LLP
1750 Tysons Boulevard
Suite 1800
McLean, VA 22102-4215
(703) 712-5341

\\COM\383747.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



re patent application of

Timothy Dalton, *et al.*

Serial No.: 10/604,181

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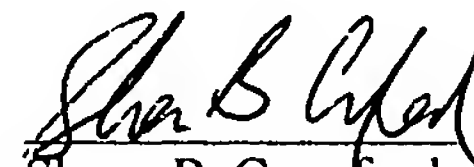
June 30, 2003

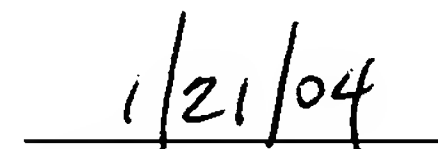
Examiner: Unassigned

**METHOD FOR DRY ETCHING
PHOTOMASK MATERIAL**

STATEMENT OF INVENTORSHIP
UNDER 37 C.F.R. § 1.48(a)(2)

I, Shaun B. Crawford, am an inventor of the above-identified patent. I was not previously named as an inventor due to an inventorship error which occurred without any deceptive intent on my part.


Shaun B. Crawford


Date



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re patent application of

Timothy Dalton, *et al.*

Serial No.: 10/604,181

Filing Date:

For:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Docket No.:

BUR920030030US1

Group No. 1756

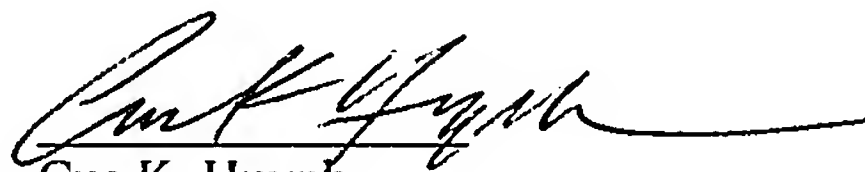
June 30, 2003

Examiner: Unassigned

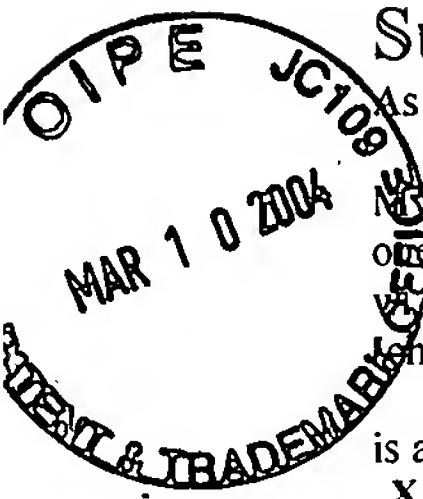
**METHOD FOR DRY ETCHING
PHOTOMASK MATERIAL**

STATEMENT OF INVENTORSHIP
UNDER 37 C.F.R. § 1.48(a)(2)

I, Cuc K. Huynh, am an inventor of the above-identified patent. I was not previously named as an inventor due to an inventorship error which occurred without any deceptive intent on my part.


Cuc K. Huynh

1/21/04
Date



Supplemental Declaration and Power of Attorney for Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: METHOD FOR DRY ETCHING PHOTOMASK MATERIAL the specification of which (check one)

is attached hereto.

X

X

No. 10/604,181 and was amended on _____

was filed on June 30, 2003 as Application Serial

I hereby state that I have reviewed and understand the contents of the above- identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

Number	Country	Day/Month/Year	Priority Claimed
NONE			

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information material to the patentability of this application as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

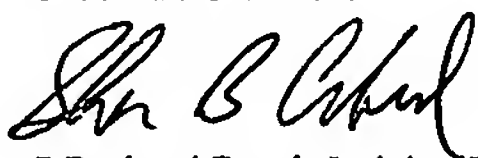
Prior U.S. Applications:

Serial No.	Filing Date	Status
NONE		

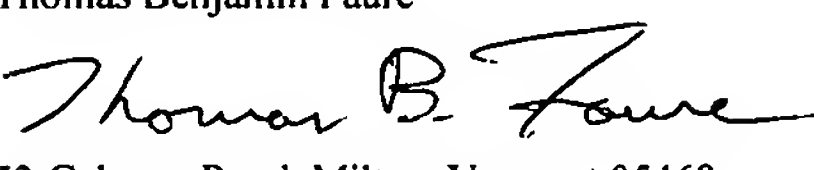
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Joseph P. Abate, (Reg. No. 30,238), Jay Anderson, (Reg. No. 38,371), Mark Bilak, (Reg. No. 47,423), Ira D. Blecker, (Reg. No. 29,894), Steven Capella, (Reg. No. 33,086), James J. Cioffi, (Reg. No. 51,564), Harold Huberfeld, (Reg. No. 26,665), Todd M.C. Li, (Reg. No. 45,554), Anthony N. Magistrale, (Reg. No. 35,595), Margaret Pepper, (Reg. No. 45,008), Eugene I. Shkurko, (Reg. No. 36,678), H. Daniel Schnurmann, (Reg. No. 35,791), Steven Soucar, (Reg. No. 32,440), Tiffany Townsend, (Reg. No. 43,199), Christopher A. Hughes, (Reg. No. 26,914), John E. Hoel, (Reg. No. 26,279), Joseph C. Redmond, Jr., (Reg. No. 18,753), Andrew M. Calderon, (Reg. No. 38,093), S. Luke Anderson, (Reg. No. 44,507), Randall H. Cherry, (Reg. No. 51,556), Scott A. Felder, (Reg. No. 47,558), Charles J. Gross, (Reg. No. 52,972), Scott J. Hawranek, (Reg. No. 52,411), Maryam M. Ipakchi, (Reg. No. 51,835), Philip D. Lane, (Reg. No. 41,140), Jonathan D. Link, (Reg. No. 41,548), Richard S. Meyer, (Reg. No. 32,541), Hae-Chan Park, (Reg. No. 50,114) and Mark J. Young, (Reg. No. 39,436).


All correspondence should be directed to McGuireWoods LLP, 1750 Tysons Boulevard, Suite 1800, McLean, Virginia 22102. Telephone calls should be directed to McGuireWoods LLP at (703) 712-5000.

(1) Inventor: Shaun B. Crawford
Signature: 
Date: _____
Residence: 7 Packard Road, Jericho, Vermont 05465
Citizenship: United States of America
Post Office Address: Same as above

(2) Inventor: Timothy Joseph Dalton
Signature:
Date
Residence: 72 Sarah Bishop Road, Ridgefield, Connecticut 06877
Citizenship: United States of America
Post Office Address: Same As Above

(3) Inventor: Thomas Benjamin Faure
Signature: 
Residence: 52 Gabaree Road, Milton, Vermont 05468
Citizenship: United States of America
Post Office Address: Same As Above

1/21/04
Date

(4) Inventor: Cuc K. Huynh
Signature: 
Residence: 13 Autumn Court, Jericho, Vermont 05465
Citizenship: United States of America
Post Office Address: Same As Above

1/21/04
Date

(5) Inventor: Michelle Leigh Steen
Signature:
Residence: 1906 Eaton Court, Danbury, Connecticut 06811
Citizenship: United States of America
Post Office Address: Same As Above

Date

***Title 37, Code of Federal Regulations, § 1.56:**

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith toward the Patent and Trademark Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned.

(b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and (1) it establishes, by itself or in combination with other information, a prima facie case of unpatentability; or (2) it refutes, or is inconsistent with, a position the applicant takes in: (i) opposing an argument of unpatentability relied on by the Office, or (ii) asserting an argument of patentability.



Supplemental Declaration and Power of Attorney for Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: METHOD FOR DRY ETCHING PHOTOMASK MATERIAL the specification of which (check one)

☒ is attached hereto.
☒ was filed on June 30, 2003 as Application Serial No. 10/604,181 and was amended on _____

I hereby state that I have reviewed and understand the contents of the above- identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, ' 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, ' 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

Number	Country	Day/Month/Year	Priority Claimed
NONE			

I hereby claim the benefit under Title 35, United States Code, ' 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, ' 112, I acknowledge the duty to disclose information material to the patentability of this application as defined in Title 37, Code of Federal Regulations, ' 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Applications:

Serial No.	Filing Date	Status
NONE		

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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All correspondence should be directed to McGuireWoods LLP, 1750 Tysons Boulevard, Suite 1800, McLean, Virginia 22102. Telephone calls should be directed to McGuireWoods LLP at (703) 712-5000.

(1) Inventor: Shaun B. Crawford


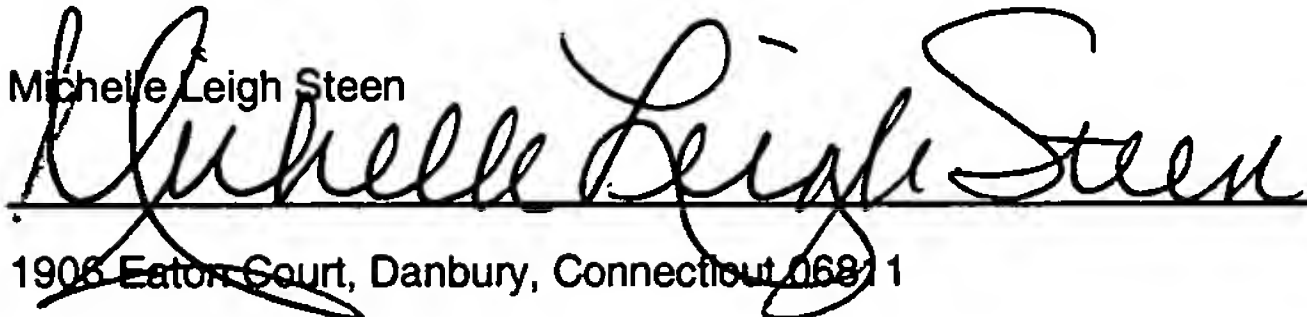
Signature: _____

Date

Residence: 7 Packard Road, Jericho, Vermont 05465

Citizenship: United States of America

Post Office Address: Same as above

- (2) Inventor: Timothy Joseph Dalton
Signature: 
Residence: 72 Sarah Bishop Road, Ridgefield, Connecticut 06877
Citizenship: United States of America
Post Office Address: Same As Above
- (3) Inventor: Thomas Benjamin Faure
Signature: _____
Residence: 52 Gabaree Road, Milton, Vermont 05468
Citizenship: United States of America
Post Office Address: Same As Above
- (4) Inventor: Cuc K. Huynh
Signature: _____
Residence: 13 Autumn Court, Jericho, Vermont 05465
Citizenship: United States of America
Post Office Address: Same As Above
- (5) Inventor: Michelle Leigh Steen
Signature: 
Residence: 1906 Eaton Court, Danbury, Connecticut 06871
Citizenship: United States of America
Post Office Address: Same As Above

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Docket No.: BUR920030030US1

Timothy Dalton, et al.

Serial No.: 10/604,181

Group No. 1756

Filing Date: June 30, 2003

Examiner: Unassigned

For: **METHOD FOR DRY ETCHING
PHOTOMASK MATERIAL**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**STATEMENT OF ASSIGNEE
UNDER 37 C.F.R. §1.48(a)(5) and §3.73(b)**

IBM Corporation is the owner of a hundred percent (100%) interest in the above identified patent application. IBM Corporation consents to change the inventorship by adding Shaun B. Crawford and Cuc K. Huynh as additional inventors in the above-identified patent application.

By: Jeffrey L. Forman

Title: Program Manager, Patent Office Liaison

Date: 22 Jan. 2004

\\COM383751.1

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: International Business Machines CorporationApplication No./Patent No.: 10/604,181Filed/Issue Date: June 30, 2003Entitled: **METHOD FOR DRY ETCHING PHOTOMASK MATERIAL**International Business Machines Corporation, a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or2. ☐ an assignee of less than the entire right, title and interest.The extent (by, percentage) of its ownership interest is _____ %
in the patent application/patent identified above by virtue of either:A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 013764, Frame 0906, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.☐ Additional documents in the chain of title are listed on a supplemental sheet.☐ Copies of assignments or other documents in the chain of title are attached.**[NOTE:** A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

12 Jan- 2004

Date

703-299-1450

Telephone number

Jeffrey L. Forman

Typed or printed name

Jeffrey L. Forman

Signature

Program Manager, Patent Office Liaison

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETE D FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

LETTER OF AUTHORITY



I, Gerald Rosenthal, Vice President, Intellectual Property and Licensing of International Business Machines Corporation (IBM), a New York corporation, do hereby delegate the authority to approve and execute documents on behalf of IBM relating to proceedings in the Patent, Trademark Registration or Copyright Offices servicing any country or region of the world, or to related appeal proceedings, including, but not limited to: petitions; powers of Attorney; authorizations; verification; nominations of representatives; declarations; documents relating to maintenance and defense of the resulting industrial property rights; assignments of rights to apply for and acquire patents and trademark registrations; and evidence of such assignments; request for the registration of patents as available for licensing; reports of inventions and petitions for waiver of patent rights to any department or agency of the United States Government; and, assignments, licenses and other instruments confirmatory of Government rights in patents and inventions, to Jeffrey L. Forman, Program Manager, Patent Office Liaison.

Date:

Aug 4, 2000

Gerald Rosenthal
Vice President, Intellectual Property & Licensing
International Business Machines Corporation